

L1 1 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON US
20070032556/PN

D L1 TI IBIB RN

FILE 'REGISTRY' ENTERED AT 14:05:08 ON 03 JUN 2009
L2 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-40-0/RN
SET NOTICE 1 DISPLAY
D L2 SQIDE 1-
SET NOTICE LOGIN DISPLAY

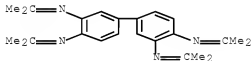
FILE 'REGISTRY' ENTERED AT 14:05:21 ON 03 JUN 2009
L3 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-42-2/RN
SET NOTICE 1 DISPLAY
D L3 SQIDE 1-
SET NOTICE LOGIN DISPLAY

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 753025-42-2 REGISTRY
CN Tricyclo[3.3.1.1³,7]decane-1,3,5-tricarboxylic acid, polymer with
N,N',N'',N'''-tetrakis(1-methylethylidene)[1,1'-biphenyl]-
3,3',4,4'-
tetramine (9CI) (CA INDEX NAME)
MF (C₂₄ H₃₀ N₄ . C₁₃ H₁₆ O₆)x
CI PMS
PCT Polyketone, Polyketone formed
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation); PRP (Properties); USES
(Uses)

CM 1

CRN 753025-35-3

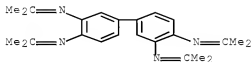
CMF C₂₄ H₃₀ N₄



FILE 'REGISTRY' ENTERED AT 14:06:14 ON 03 JUN 2009
L4 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-35-3/RN
SET NOTICE 1 DISPLAY
D L4 SQIDE 1-
SET NOTICE LOGIN DISPLAY

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 753025-35-3 REGISTRY
CN [1,1'-Biphenyl]-3,3',4,4'-tetramine,
N₃,N_{3'},N₄,N_{4'}-tetrakis(1-methylethylidene)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN [1,1'-Biphenyl]-3,3',4,4'-tetramine,
N,N',N'',N'''-tetrakis(1-methylethylidene)- (9CI)

MF C24 H30 N4
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)



FILE 'CAPLUS' ENTERED AT 14:06:25 ON 03 JUN 2009
 L5 2 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L4

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for the preparation of aromatic polyamine derivatives
 ACCESSION NUMBER: 2005:426563 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 142:463439
 TITLE: Process for the preparation of aromatic polyamine derivatives
 INVENTOR(S): Nagano, Shinya; Hashimoto, Jiichiro
 PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044781	A1	20050519	WO 2004-JP15882	
20041020				
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
AM, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO,				

SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE,
SN, TD, TG
JP 2005139271 A 20050602 JP 2003-376049
20031105
JP 2005145848 A 20050609 JP 2003-383223
20031113
EP 1681284 A1 20060719 EP 2004-792998
20041020
R: DE, FR, GB
US 20070032556 A1 20070208 US 2006-577313
20060428
KR 2006116200 A 20061114 KR 2006-708684
20060504
PRIORITY APPLN. INFO.: JP 2003-376049 A
20031105 JP 2003-383223 A
20031113 WO 2004-JP15882 W
20041020
OTHER SOURCE(S): MARPAT 142:463439
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE
FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
TI Polymerizable compositions containing adamantanecarboxylic acid
derivatives for production of dielectric films
ACCESSION NUMBER: 2004:739879 CAPLUS Full-text
DOCUMENT NUMBER: 141:244345
TITLE: Polymerizable compositions containing
adamantanecarboxylic acid derivatives for
production
of dielectric films
INVENTOR(S): Nagano, Shinya; Hashimoto, Jiichiro; Tsutsumi,
Kiyoharu; Funaki, Yoshinori
PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan
SOURCE: U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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---	US 20040175858	A1	20040909	US 2004-807426	
20040324	US 7186454	B2	20070306		
	JP 2004307804	A	20041104	JP 2003-325519	
20030918	EP 1462471	A1	20040929	EP 2004-7113	
20040324	EP 1462471	B1	20080730		

PT, R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC,
SK IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL,

L6 0 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L4 AND (PY<2003
OR AY<2003 OR PRY<2003)
D L5 TI IBIB 1-2

FILE 'REGISTRY' ENTERED AT 14:08:32 ON 03 JUN 2009
L7 STRUCTURE UPLOADED
D L7

L8 32 SEA FILE=REGISTRY SSS FUL L7

FILE 'CAPLUS' ENTERED AT 14:08:58 ON 03 JUN 2009
L9 40 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L8
L10 26 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L9 AND (PY<2003
OR AY<2003 OR PRY<2003)
D L10 TI HITIND 20-26

FILE 'CAPLUS' ENTERED AT 14:09:41 ON 03 JUN 2009

FILE 'REGISTRY' ENTERED AT 14:09:46 ON 03 JUN 2009
E 21970-93-4/RN
SET EXPAND CONTINUOUS

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D L11
E 26987-81-3/RN
E 26907-81-3/RN

L12 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 26907-81-3/RN
D L12
E 29404-61-9/RN
E 29404-69-1/RN

L13 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 29404-69-1/RN
D L13
E 76875-17-7/RN

L14 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 76875-17-7/RN
D L14
E 106926-13-0/RN

L15 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 106926-13-0/RN
D L15

FILE 'MARPAT' ENTERED AT 14:18:56 ON 03 JUN 2009
L16 0 SEA FILE=MARPAT SPE=ON ABB=ON PLU=ON 753025-35-3/RN
L17 10 SEA FILE=MARPAT SSS SAM L7
L18 0 SEA FILE=MARPAT SPE=ON ABB=ON PLU=ON L17 AND (PY<2003
OR AY<2003 OR PRY<2003)

L19 0 SEA FILE=MARPAT SPE=ON ABB=ON PLU=ON L17 AND (PY<2004
OR AY<2004 OR PRY<2004)
D L17 TI IBIB 1-10

FILE 'REGISTRY' ENTERED AT 14:23:48 ON 03 JUN 2009
L20 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-44-4/RN

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SET NOTICE 1 DISPLAY
D L20 SQIDE 1-
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:24:10 ON 03 JUN 2009
L21 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-46-6/RN
SET NOTICE 1 DISPLAY
D L21 SQIDE 1-
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:25:29 ON 03 JUN 2009
L22 STRUCTURE UPLOADED
D L22
L23 6350 SEA FILE=REGISTRY SSS FUL L22

FILE 'CAPLUS' ENTERED AT 14:26:14 ON 03 JUN 2009
L24 3820 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L23
L25 3263 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L24 AND (PY<2003
OR
AY<2003 OR PRY<2003)

FILE 'REGISTRY' ENTERED AT 14:27:21 ON 03 JUN 2009
L26 STRUCTURE UPLOADED
D L26
L27 1194 SEA FILE=REGISTRY SSS FUL L26

FILE 'CAPLUS' ENTERED AT 14:27:46 ON 03 JUN 2009
L28 694 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L27
L29 616 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L28 AND (PY<2003
OR
AY<2003 OR PRY<2003)

FILE 'REGISTRY' ENTERED AT 14:29:25 ON 03 JUN 2009
L30 STRUCTURE UPLOADED
D L30
L31 113 SEA FILE=REGISTRY SSS FUL L30

FILE 'CAPLUS' ENTERED AT 14:29:50 ON 03 JUN 2009
L32 142 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L31
L33 111 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L32 AND (PY<2003
OR
AY<2003 OR PRY<2003)
D L33 TI HITIND 100-111

FILE 'REGISTRY' ENTERED AT 14:33:14 ON 03 JUN 2009
L34 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-62-1/RN
SET NOTICE 1 DISPLAY
D L34 SQIDE 1-
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:33:46 ON 03 JUN 2009
L35 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-61-0/RN
SET NOTICE 1 DISPLAY
D L35 SQIDE 1-
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:34:12 ON 03 JUN 2009

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L36 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-60-9/RN
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 D L36 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

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 L37 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-59-6/RN
 SET NOTICE 1 DISPLAY
 D L37 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'CAPLUS' ENTERED AT 14:34:45 ON 03 JUN 2009
 L38 1 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON (L34 OR L35 OR
 L36 OR
 L37)

 FILE 'REGISTRY' ENTERED AT 14:35:20 ON 03 JUN 2009
 L39 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-58-5/RN
 SET NOTICE 1 DISPLAY
 D L39 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'REGISTRY' ENTERED AT 14:35:37 ON 03 JUN 2009
 L40 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-57-4/RN
 SET NOTICE 1 DISPLAY
 D L40 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'REGISTRY' ENTERED AT 14:35:53 ON 03 JUN 2009
 L41 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-56-3/RN
 SET NOTICE 1 DISPLAY
 D L41 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'REGISTRY' ENTERED AT 14:36:15 ON 03 JUN 2009
 L42 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-55-2/RN
 SET NOTICE 1 DISPLAY
 D L42 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'REGISTRY' ENTERED AT 14:36:30 ON 03 JUN 2009
 L43 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-54-1/RN
 SET NOTICE 1 DISPLAY
 D L43 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'REGISTRY' ENTERED AT 14:36:48 ON 03 JUN 2009
 L44 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-53-0/RN
 SET NOTICE 1 DISPLAY
 D L44 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

 FILE 'REGISTRY' ENTERED AT 14:37:04 ON 03 JUN 2009
 L45 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 851816-52-9/RN
 SET NOTICE 1 DISPLAY
 D L45 SQIDE 1-
 SET NOTICE LOGIN DISPLAY

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L46      FILE 'REGISTRY' ENTERED AT 14:37:23 ON 03 JUN 2009
          1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-43-3/RN
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          D L46 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:37:38 ON 03 JUN 2009
L47      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-38-6/RN
          SET NOTICE 1 DISPLAY
          D L47 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:38:06 ON 03 JUN 2009
L48      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-37-5/RN
          SET NOTICE 1 DISPLAY
          D L48 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:38:20 ON 03 JUN 2009
L49      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-35-3/RN
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          D L49 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:38:40 ON 03 JUN 2009
L50      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-33-1/RN
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          D L50 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:39:00 ON 03 JUN 2009
L51      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-20-6/RN
          SET NOTICE 1 DISPLAY
          D L51 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:39:18 ON 03 JUN 2009
L52      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 765301-98-2/RN
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          D L52 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'REGISTRY' ENTERED AT 14:39:59 ON 03 JUN 2009
L53      1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 753025-46-6/RN
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          D L53 SQIDE 1-
          SET NOTICE LOGIN DISPLAY

          FILE 'CAPLUS' ENTERED AT 14:40:27 ON 03 JUN 2009
L54      3 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON (L39 OR L40 OR
L41 OR
          L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR
L50)

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L55 0 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L54 AND (PY<2003
OR

AY<2003 OR PRY<2003)
D L54 TI IBIB HITIND 1-3
D L33 TI HITIND 80-99

FILE 'REGISTRY' ENTERED AT 14:46:13 ON 03 JUN 2009
E 28701-16-8/RN
L56 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 28701-16-8/RN
D L56
E 27026-23-9/RN
L57 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 27026-23-9/RN
D L57
E 27026-22-8/RN
L58 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 27026-22-8/RN
D L58
E 30973-48-9/RN
L59 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 30973-48-9/RN
D L59
E 29662-06-4/RN
L60 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 29662-06-4/RN
D L60
E 30976-85-3/RN
L61 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 30976-85-3/RN
D L61

FILE 'REGISTRY' ENTERED AT 14:49:45 ON 03 JUN 2009
L62 STRUCTURE UPLOADED
D L62
L63 16 SEA FILE=REGISTRY SSS FUL L62

FILE 'CAPLUS' ENTERED AT 14:50:08 ON 03 JUN 2009
L64 19 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L63
L65 13 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L64 AND (PY<2003
OR
AY<2003 OR PRY<2003)
D L65 TI HITIND 1-13

FILE 'REGISTRY' ENTERED AT 14:50:57 ON 03 JUN 2009
E 30976-85-3/RN
L66 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 30976-85-3/RN
D L66
E 28729-16-0/RN
L67 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 28729-16-0/RN
D L67
E 109214-05-3/RN
L68 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 109214-05-3/RN
D L68
E 125753-31-3/RN
L69 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 125753-31-3/RN
D L69
E 158861-58-6/RN
L70 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 158861-58-6/RN
D L70

FILE 'REGISTRY' ENTERED AT 14:56:54 ON 03 JUN 2009
L71 STRUCTURE UPLOADED

D L71
 L72 27 SEA FILE=REGISTRY SSS FUL L71

 FILE 'CAPLUS' ENTERED AT 14:57:34 ON 03 JUN 2009
 L73 15 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L72
 L74 13 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L73 AND (PY<2003
 OR
 AY<2003 OR PRY<2003)
 L75 15 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L73 NOT L65
 D L74 TI HITIND 1-10

 FILE 'REGISTRY' ENTERED AT 14:58:53 ON 03 JUN 2009
 E 29823-36-4/RN
 E 39823-36-4/RN
 L76 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 39823-36-4/RN
 D L76
 E 39820-24-1/RN
 L77 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 39820-24-1/RN
 D L77
 E 54190-55-5/RN
 L78 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 54190-55-5/RN
 D L78
 E 31497-75-3/RN
 L79 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 31497-75-3/RN
 D L79
 E 57262-19-8/RN
 L80 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 57262-19-8/RN
 D L80
 E 133531-76-7/RN
 L81 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 133531-76-7/RN
 D L81
 E 130167-09-8/RN
 L82 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 130167-09-8/RN
 D L82
 E 85557-77-3/RN
 L83 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 85557-77-3/RN
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 E 65847-23-6/RN
 L84 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 65847-23-6/RN
 D L84

 FILE 'REGISTRY' ENTERED AT 15:06:19 ON 03 JUN 2009
 L85 STRUCTURE UPLOADED
 D L85
 L86 270 SEA FILE=REGISTRY SSS FUL L85

 FILE 'CAPLUS' ENTERED AT 15:06:42 ON 03 JUN 2009
 L87 89 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L86
 L88 53 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L87 AND (PY<2003
 OR
 AY<2003 OR PRY<2003)
 D L88 TI HITIND 40-53

 FILE 'REGISTRY' ENTERED AT 15:08:30 ON 03 JUN 2009
 L89 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 860757-86-4/RN
 D L89
 E 860512-43-2/RN

L90 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 860512-43-2/RN
 D L90
 E 860689-66-3/RN
 L91 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 860689-66-3/RN
 D L91
 E 681461-16-5/RN
 L92 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 681461-16-5/RN
 D L92
 E 854890-81-6/RN
 L93 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 854890-81-6/RN
 D L93
 E 856106-99-5/RN
 L94 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 856106-99-5/RN
 D L94

 FILE 'CAPLUS' ENTERED AT 15:11:31 ON 03 JUN 2009
 D L88 TI 1-10

 FILE 'REGISTRY' ENTERED AT 15:11:32 ON 03 JUN 2009

 FILE 'CAPLUS' ENTERED AT 15:11:52 ON 03 JUN 2009
 D L88 1-10 TI HITIND

 FILE 'REGISTRY' ENTERED AT 15:11:52 ON 03 JUN 2009

 FILE 'REGISTRY' ENTERED AT 15:12:17 ON 03 JUN 2009
 E 677301-53-0/RN
 L95 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 677301-53-0/RN
 D L95

 FILE 'CAPLUS' ENTERED AT 15:13:12 ON 03 JUN 2009
 D L88 11-20 TI

 FILE 'REGISTRY' ENTERED AT 15:13:12 ON 03 JUN 2009

 FILE 'CAPLUS' ENTERED AT 15:13:30 ON 03 JUN 2009
 D L88 TI HITIND 11-20

 FILE 'REGISTRY' ENTERED AT 15:13:30 ON 03 JUN 2009
 E 204002-43-7/RN
 L96 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 204002-43-7/RN
 D L96

 FILE 'CAPLUS' ENTERED AT 15:15:02 ON 03 JUN 2009
 D L88 21-39 TI

 L97 STRUCTURE UPLOADED
 L98 119 S L97 SSS FULL

 FILE 'CAPLUS' ENTERED AT 15:23:28 ON 03 JUN 2009
 L99 74 S L98
 L100 60 S L99 AND (PY<2003 OR AY<2003 OR PRY<2003)

 FILE 'REGISTRY' ENTERED AT 15:26:54 ON 03 JUN 2009
 E 3586-23-0/RN
 L101 1 S E423

FILE 'CAPLUS' ENTERED AT 15:27:39 ON 03 JUN 2009

FILE 'REGISTRY' ENTERED AT 15:27:40 ON 03 JUN 2009

FILE 'REGISTRY' ENTERED AT 15:29:09 ON 03 JUN 2009

FILE 'REGISTRY' ENTERED AT 15:30:18 ON 03 JUN 2009
 E 85557-77-3/RN
 L102 1 S E435
 E 113456-56-8/RN
 E 113546-56-8/RN
 L103 1 S E459

FILE 'CAPLUS' ENTERED AT 15:34:12 ON 03 JUN 2009

FILE 'REGISTRY' ENTERED AT 15:34:13 ON 03 JUN 2009

FILE 'CAPLUS' ENTERED AT 15:34:50 ON 03 JUN 2009
 E NAGANO SHINYA?/AU
 L104 28 S E469-E470
 L105 1 S L104 AND AMINES/IT
 E HASHIMOTO JICHIRO?/AU
 L106 9 S E481-E482, E484
 L107 1 S L106 AND AMINES/IT

L1 1 S US 4735994/PN

FILE 'REGISTRY' ENTERED AT 10:07:40 ON 04 JUN 2009
 L2 1 S 65838-45-1/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 10:07:54 ON 04 JUN 2009
 L3 1 S 797-20-6/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 10:08:20 ON 04 JUN 2009
 L4 1 S 3009-40-3/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 10:08:34 ON 04 JUN 2009
 L5 1 S 14326-69-3/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 10:08:51 ON 04 JUN 2009
 L6 1 S 106926-13-0/RN
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 SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 10:10:35 ON 04 JUN 2009
 L7 1 S 25034-68-8/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

L8 FILE 'REGISTRY' ENTERED AT 10:13:03 ON 04 JUN 2009
 1 S 25102-52-7/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

 L9 FILE 'REGISTRY' ENTERED AT 10:13:34 ON 04 JUN 2009
 1 S 9003-55-8/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY

 L10 FILE 'REGISTRY' ENTERED AT 10:27:40 ON 04 JUN 2009
 L11 STRUCTURE UPLOADED
 495 S L10 SSS FULL

 L12 FILE 'CAPLUS' ENTERED AT 10:28:06 ON 04 JUN 2009
 L13 617 S L11
 L14 503 S L12 AND (PY<2003 OR AY<2003 OR PRY<2003)
 L15 91 S L12 AND AMINES/IT
 78 S L14 AND (PY<2003 OR AY<2003 OR PRY<2003)

 L16 FILE 'REGISTRY' ENTERED AT 10:31:09 ON 04 JUN 2009
 E 4444-26-2/RN
 SET EXPAND CONTINUOUS
 L17 1 S E3
 L18 STRUCTURE UPLOADED
 405 S L17 SSS FULL

 L19 FILE 'CAPLUS' ENTERED AT 10:33:20 ON 04 JUN 2009
 L20 548 S L18
 L21 88 S L19 AND AMINES/IT
 L22 76 S L20 AND (PY<2003 OR AY<2003 OR PRY<2003)
 0 S L21 NOT L15

 L23 FILE 'REGISTRY' ENTERED AT 10:35:01 ON 04 JUN 2009
 E 3204-61-3/RN
 L24 1 S E15
 L25 STRUCTURE UPLOADED
 L26 0 S L24
 2 S L24 SSS FULL

 L27 FILE 'CAPLUS' ENTERED AT 10:37:43 ON 04 JUN 2009
 1 S L26

 L28 FILE 'MARPAT' ENTERED AT 10:40:08 ON 04 JUN 2009
 L29 17 S L24
 L30 0 S L28 AND (PY<2003 OR AY<2003 OR PRY<2003)
 L31 0 S L28 AND (PY<2004 OR AY<2004 OR PRY<2004)
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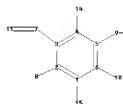
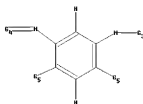
L32 FILE 'REGISTRY' ENTERED AT 10:49:06 ON 04 JUN 2009
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7 8 9 10 11 12 14 15
ring nodes :
1 2 3 4 5 6
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1-15 2-8 3-7 4-14 5-9 6-10 7-11 9-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-8 3-7 5-9 6-10 9-12
exact bonds :
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normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
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G3:C,H,Cb,Cy,Ak

G4:Cy,Ak,CH

G5:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS 14:CLASS 15:CLASS

L33 12 S L32 SSS FULL

FILE 'CAPLUS' ENTERED AT 10:56:14 ON 04 JUN 2009

L34 8 S L33

L35 7 S L34 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> d l35 ti hitind 1-7

L35 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

TI Mathematical simulation applied to the elucidation of mechanisms of
chemical reactions occurring in electrolysis of p-benzoquinone
monochlorimine at a platinum electrode

CC 72-3 (Electrochemistry)

Section cross-reference(s): 22, 67

IT 106-51-4P, preparation 123-30-8P 1752-24-5P 3009-34-5P
 71082-02-5P
 79547-73-2P
 RL: FORM (Formation, nonpreparative); PREP (Preparation)
 (formation of, in electrolysis of benzoquinone monochlorimine)

L35 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Mechanisms of electrochemical reduction of mono- and dichlorimine
 quinones
 on platinum. Study and structure of compounds obtained by
 electrolysis in
 concentrated solutions
 CC 72-3 (Electrochemistry)
 Section cross-reference(s): 22, 25
 IT 1752-24-5P 71082-02-5P 77502-74-0P 79547-73-2P
 RL: PREP (Preparation)
 (preparation of)

L35 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Barbituric acid monoazomethine pigments
 IC C09B043-00
 CC 40-7 (Dyes, Fluorescent Whitening Agents, and Photosensitizers)
 IT 63969-16-4 63969-21-1
 RL: USES (Uses)
 (pigments, for polyethylene, manufacture of)

L35 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Stabilized oxichromic compounds
 IC C07C
 INCL 260559000R
 CC 40-12 (Dyes, Fluorescent Whitening Agents, and Photosensitizers)
 IT 50482-00-3P 58671-10-6P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP
 (Preparation); RACT
 (Reactant or reagent)
 (preparation and reduction of)

L35 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Stabilized oxichromic compounds
 IC C07C
 INCL 260559000R
 CC 40-12 (Dyes, Fluorescent Whitening Agents, and Photosensitizers)
 IT 50482-00-3P 58671-10-6P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP
 (Preparation); RACT
 (Reactant or reagent)
 (preparation and reduction of)

L35 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Simplest Indophenols and Indamines
 CC 10 (Organic Chemistry)
 IT 2150-58-5P, Phenol blue, dianilino derivative 5418-36-0P,
 Indophenol,
 2'-methyl-, sodium salt 30128-00-8P, Indophenol, 3-methyl-
 861542-40-7P, Indophenol, 2',5'-dihydro-6'-methyl-2',5'-bis(p-
 tolylimino)-
 861542-42-9P, Indophenol, 2',5'-dihydrobis-2',5'-(2,6-xylylimino)-

861553-17-5P, Indophenol, 3,6-dianilino-2-methyl- 861594-02-7P,
 Indophenol, 2',5'-di-p-toluino- 861594-04-9P, Indophenol,
 2',5'-di-o-toluino- 861594-06-1P, Indophenol,
 2',5'-dihydro-2',5'-bis(o-tolylimino)- 861594-08-3P, Indophenol,
 2',5'-dihydro-2',5'-bis(phenylimino)- 861594-10-7P, Indophenol,
 2',5'-dianilino-, acetyl derivative 861594-10-7P, Indophenol,
 2',5'-dianilino- 861594-12-9P, Indophenol,
 2',5'-bis-(2,6-xylylamino)- 861594-69-6P, Indamine, 3-hydroxy-
 RL: PREP (Preparation)
 (preparation of)

L35 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
 TI 1,3,4,6-Dinitrophenyldipyridinium Chloride and
 1,3,6,4-Dinitroaminopyridinium Chloride
 CC 10 (Organic Chemistry)
 IT 138894-03-8P, Pyridinium, N-(5-amino-2,4-dinitrophenyl)-, chloride
 859950-49-5P, Δ 1,3-1-Pentadienol,
 5-(5-amino-2,4-dinitrophenylimino)- 859950-70-2P,
 α,γ -Pentadienaldehyde, δ -(5-amino-2,4-dinitroanilino)-
 RL: PREP (Preparation)
 (preparation of)

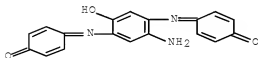
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E 75947-73-2/RN
 E 79547-73-2/RN

L36 1 S E39

=> d l36

L36 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 79547-73-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2,5-Cyclohexadien-1-one, 4,4'-[(2-amino-5-hydroxy-1,4-
 phenylene)dinitrilo]bis- (9CI) (CA INDEX NAME)
 MF C18 H13 N3 O3
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)

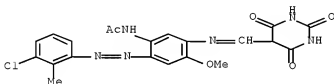


E 63969-21-1/RN

L37 1 S E51

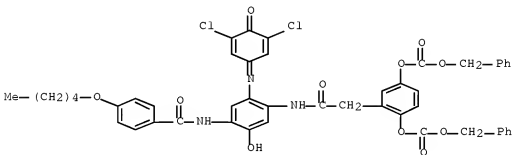
L37 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 63969-21-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Acetamide, N-[2-[2-(3-chloro-2-methylphenyl)diazenyl]-5-
 [[hexahydro-2,4,6-

trioxo-5-pyrimidinyl)methylene]amino]-4-methoxyphenyl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Acetamide, N-[2-[(3-chloro-2-methylphenyl)azo]-5-[(hexahydro-2,4,6-trioxo-5-pyrimidinyl)methylene]amino]-4-methoxyphenyl]- (9CI)
 MF C21 H19 Cl N6 O5
 LC STN Files: CA, CAPLUS



L38 E 58671-10-6/RN
 1 S E63

L38 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 58671-10-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Carbonic acid, 2-[[[2-[(3,5-dichloro-4-oxo-2,5-cyclohexadien-1-ylidene)amino]-5-hydroxy-4-[[4-(pentyloxy)benzoyl]amino]phenyl]amino]-2-oxoethyl]-1,4-phenylene bis(phenylmethyl) ester (9CI) (CA INDEX NAME)
 MF C48 H41 Cl2 N3 O11
 LC STN Files: CA, CAPLUS, USPATFULL

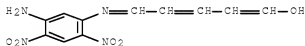


L39 E 861594-02-7/RN
 1 S E75

L39 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 861594-02-7 REGISTRY
 ED Entered STN: 24 Aug 2005
 CN 2,5-Cyclohexadien-1-one, 4-[[4-hydroxy-2,5-bis[(4-methylphenyl)amino]phenyl]imino]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indophenol, 2',5'-di-p-toluino- (1CI)
 MF C26 H23 N3 O2
 SR CAS EARLY REGISTRATIONS
 LC STN Files: CA, CAPLUS

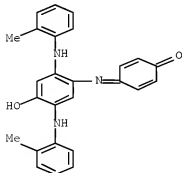
E 859950-49-5/RN
L40 1 S E87

L40 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 859950-49-5 REGISTRY
ED Entered STN: 12 Aug 2005
CN 1,3-Pentadien-1-ol, 5-[(5-amino-2,4-dinitrophenyl)imino]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Δ1,3-1-Pentadienol, 5-(5-amino-2,4-dinitrophenylimino)- (ICI)
MF C11 H10 N4 O5
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS



E 861594-04-9/RN
L41 1 S E99

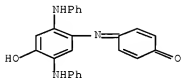
L41 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 861594-04-9 REGISTRY
ED Entered STN: 24 Aug 2005
CN 2,5-Cyclohexadien-1-one, 4-[[4-hydroxy-2,5-bis[(2-methylphenyl)amino]phenyl]imino]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Indophenol, 2',5'-di-o-toluidino- (ICI)
MF C26 H23 N3 O2
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS



E 861594-10-7/RN
L42 1 S E111

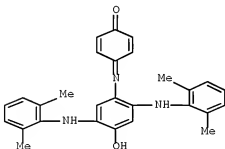
L42 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 861594-12-9 REGISTRY
 ED Entered STN: 24 Aug 2005
 CN 2,5-Cyclohexadien-1-one, 4-[[4-hydroxy-2,5-bis(phenylamino)phenyl]imino]-
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indophenol, 2',5'-dianilino- (ICI)
 MF C24 H19 N3 O2
 SR CAS EARLY REGISTRATIONS
 LC STN Files: CA, CAPLUS



E 861594-12-9/RN
 L43 1 S E123

L43 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 861594-12-9 REGISTRY
 ED Entered STN: 24 Aug 2005
 CN 2,5-Cyclohexadien-1-one, 4-[[2,5-bis[(2,6-dimethylphenyl)amino]-4-hydroxyphenyl]imino]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Indophenol, 2',5'-bis-(2,6-xylylamino)- (ICI)
 MF C28 H27 N3 O2
 SR CAS EARLY REGISTRATIONS
 LC STN Files: CA, CAPLUS



L44 12 S L34 NOT L35

FILE 'CAPLUS' ENTERED AT 11:04:00 ON 04 JUN 2009
 L45 1 S L34 NOT L35

=> s 134 not 135

L45 1 L34 NOT L35

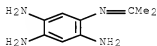
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L45 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for the preparation of aromatic polyamine derivatives
 IC ICM C07C251-08
 ICS C07C251-18; C07C251-20; C08G073-06
 CC 25-4 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
 Section cross-reference(s): 35
 IT 851816-52-9P 851816-53-0P 851816-54-1P 851816-55-2P
 851816-56-3P 851816-57-4P 851816-58-5P 851816-59-6P
 851816-60-9P 851816-61-0P 851816-62-1P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
 (Preparation)
 (preparation of aromatic polyamine derivs. as polymerizable
 compns. of
 heat-resistant and dielec. films)

FILE 'REGISTRY' ENTERED AT 11:04:27 ON 04 JUN 2009

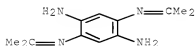
E 851816-56-3/RN
 L46 1 S E135

L46 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 851816-56-3 REGISTRY
 ED Entered STN: 07 Jun 2005
 CN 1,2,4,5-Benzenetetramine, N1-(1-methylethylidene)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2,4,5-Benzenetetramine, N-(1-methylethylidene)- (9CI)
 MF C9 H14 N4
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



E 851816-57-4/RN
 L47 1 S E147

L47 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 851816-57-4 REGISTRY
 ED Entered STN: 07 Jun 2005
 CN 1,2,4,5-Benzenetetramine, N1,N4-bis(1-methylethylidene)- (CA INDEX NAME)
 MF C12 H18 N4
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



FILE 'CAPLUS' ENTERED AT 11:05:24 ON 04 JUN 2009

L48 1 S L47
L49 1 S L46

L48 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
TI Process for the preparation of aromatic polyamine derivatives
IC ICM C07C251-08
ICS C07C251-18; C07C251-20; C08G073-06
CC 25-4 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
Section cross-reference(s): 35
IT 851816-52-9P 851816-53-0P 851816-54-1P 851816-55-2P 851816-
56-3P
851816-57-4P 851816-58-5P 851816-59-6P 851816-60-9P
851816-61-0P 851816-62-1P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
(Preparation)
(preparation of aromatic polyamine derivs. as polymerizable
comps. of
heat-resistant and dielec. films)
ACCESSION NUMBER: 2005:426563 CAPLUS Full-text
DOCUMENT NUMBER: 142:463439
TITLE: Process for the preparation of aromatic
polyamine
derivatives
INVENTOR(S): Nagano, Shinya; Hashimoto, Jiichiro
PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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---	WO 2005044781	A1	20050519	WO 2004-JP15882	
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NE,	SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,				
	SN, TD, TG				

JP 2005139271 A 20050602 JP 2003-376049
 20031105
 JP 2005145848 A 20050609 JP 2003-383223
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 US 20070032556 A1 20070208 US 2006-577313
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 20060504
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 20031113
 WO 2004-JP15882 W
 20041020
 OTHER SOURCE(S): MARPAT 142:463439
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE
 FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

=> s 146

L49 1 L46

=> d 149 ti ibib hitind

L49 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for the preparation of aromatic polyamine derivatives
 ACCESSION NUMBER: 2005:426563 CAPLUS Full-text
 DOCUMENT NUMBER: 142:463439
 TITLE: Process for the preparation of aromatic
 polyamine
 derivatives
 INVENTOR(S): Nagano, Shinya; Hashimoto, Jiichiro
 PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044781	A1	20050519	WO 2004-JP15882	
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LK,				
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 AM,
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 NE,

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 TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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 SN, TD, TG

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 20060428
 KR 2006116200 A 20061114 KR 2006-708684
 20060504
 PRIORITY APPLN. INFO.: JP 2003-376049 A
 20031105 JP 2003-383223 A
 20031113 WO 2004-JP15882 W
 20041020

OTHER SOURCE(S): MARPAT 142:463439
 IC ICM C07C251-08
 ICS C07C251-18; C07C251-20; C08G073-06
 CC 25-4 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
 Section cross-reference(s): 35
 IT 851816-52-9P 851816-53-0P 851816-54-1P 851816-55-2P
 851816-56-3P 851816-57-4P 851816-58-5P 851816-59-6P
 851816-60-9P 851816-61-0P 851816-62-1P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
 (Preparation)
 (preparation of aromatic polyamine derivs. as polymerizable
 compns. of
 heat-resistant and dielec. films)

=>
 L1 28 S E1-E2
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 2 "NAGANO SHINTARO"/AU
 26 "NAGANO SHINYA"/AU
 L1 28 ("NAGANO SHINTARO"/AU OR "NAGANO SHINYA"/AU)
 L2 17 S L1 AND (PY,2003 OR AY<2003 OR PRY<2003)
 L3 21 S L1 AND (PY<2003 OR AY<2003 OR PRY<2003)
 E HASHIMOTO JICHIRO?/AU
 L4 4 S E13-E14

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L5          3 S L4 AND (PY<2003 OR AY<2003 OR PRY<2003)
L1          STRUCTURE UPLOADED
L2          361 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 13:33:18 ON 15 JUN 2009
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FILE 'REGISTRY' ENTERED AT 13:35:52 ON 15 JUN 2009
L5          STRUCTURE UPLOADED
L6          125 S L5 SSS FULL

FILE 'CAPLUS' ENTERED AT 13:36:23 ON 15 JUN 2009
L7          57 S L6 SSS FULL
L8          54 S L7 AND (PY<2003 OR AY<2003 OR PRY<2003)

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          E 861594-10-7/RN
L10         1 S E15
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          E 93725-01-0/RN
L11         1 S E39

FILE 'REGISTRY' ENTERED AT 13:58:06 ON 15 JUN 2009
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L13         STRUCTURE UPLOADED
L14         STRUCTURE UPLOADED
L15         3 S L14 SSS SAM
L16         315 S L14 SSS FULL

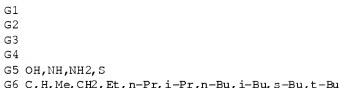
FILE 'CAPLUS' ENTERED AT 14:03:02 ON 15 JUN 2009
L17         169 S L16
L18         136 S L17 AND (PY<2003 OR AY<2003 OR PRY<2003)

FILE 'REGISTRY' ENTERED AT 14:03:31 ON 15 JUN 2009
L19         STRUCTURE UPLOADED
L20         STRUCTURE UPLOADED
L21         0 S L20 SSS SAM
L22         0 S L20 SSS FULL
L23         STRUCTURE UPLOADED
L24         1 S L23 SSS SAM
L25         205 S L23 SSS FULL
L26         STRUCTURE UPLOADED

L26         STRUCTURE UPLOADED

=> d l26
L26 HAS NO ANSWERS
L26         STR

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
---	WO 2005044781	A1	20050519	WO 2004-JP15882	
20041020	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA,			
CH,		CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,			
GD,		GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC,			
LK,		LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,			
NO,		NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,			
TJ.					

TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
 AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE,
 DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO,
 SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE,
 SN, TD, TG

JP 2005139271 A 20050602 JP 2003-376049
 20031105
 JP 2005145848 A 20050609 JP 2003-383223
 20031113
 EP 1681284 A1 20060719 EP 2004-792998
 20041020
 R: DE, FR, GB
 US 20070032556 A1 20070208 US 2006-577313
 20060428
 KR 2006116200 A 20061114 KR 2006-708684
 20060504
 PRIORITY APPLN. INFO.: JP 2003-376049 A
 20031105 JP 2003-383223 A
 20031113 WO 2004-JP15882 W

20041020
 OTHER SOURCE(S): MARPAT 142:463439
 IC ICM C07C251-08
 ICS C07C251-18; C07C251-20; C08G073-06
 CC 25-4 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
 Section cross-reference(s): 35
 IT 851816-52-9P 851816-53-0P 851816-54-1P 851816-55-2P
 851816-56-3P 851816-57-4P 851816-58-5P 851816-59-6P
 851816-60-9P 851816-61-0P 851816-62-1P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
 (Preparation)
 (preparation of aromatic polyamine derivs. as polymerizable
 compns. of
 heat-resistant and dielec. films)
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE
 FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L29 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Silver halide photographic material
 ACCESSION NUMBER: 1997:679003 CAPLUS Full-text
 DOCUMENT NUMBER: 127:324415
 ORIGINAL REFERENCE NO.: 127:63507a,63510a
 TITLE: Silver halide photographic material
 INVENTOR(S): Kimura, Yoko; Yamada, Taketoshi; Miura, Norio
 PATENT ASSIGNEE(S): Konica Corp., Japan
 SOURCE: Eur. Pat. Appl., 53 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 800108	A1	19971008	EP 1997-105312	
19970327				
R: DE, FR, GB, IT				
US 5874206	A	19990223	US 1997-825113	
19970327				
JP 09325449	A	19971216	JP 1997-80461	
19970331				
PRIORITY APPLN. INFO.:			JP 1996-78692	A
19960401				
OTHER SOURCE(S):	MARPAT 127:324415			
IC	ICM G03C001-005			
	ICS G03C001-83; G03C001-40; G03C001-08			
CC	74-2 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)			
IT	197566-03-3E			
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)			
	(reaction in preparing dye compound for silver halide photog. materials)			

L29 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN

TI Synthesis of 3-alkyl-5,6,7,8-tetrahydro-s-triazolo[4,3-b][1,2,4]triazine-6,7-diones

ACCESSION NUMBER: 1961:118573 CAPLUS Full-text
DOCUMENT NUMBER: 55:118573
ORIGINAL REFERENCE NO.: 55:22335a-e
TITLE: Synthesis of 3-alkyl-5,6,7,8-tetrahydro-s-triazolo[4,3-

 b][1,2,4]triazine-6,7-diones
AUTHOR(S): Futaki, Kiyoshi; Tosa, Senji
CORPORATE SOURCE: Mitsubishi Paper Mill Co., Kyoto
SOURCE: Chemical & Pharmaceutical Bulletin (1960), 8, 908-12

CODEN: CPBTAL; ISSN: 0009-2363

DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 55:118573

CC 10G (Organic Chemistry: Heterocyclic Compounds)
IT 1612-76-6P, 1,3,4-Oxadiazole, 2-amino-5-phenyl- 1617-92-1P,
1,3,4-Oxadiazole, 2-amino-5-heptyl- 14624-58-9P, 4H-1,2,4-Triazole,
3,4-diamino-5-pentyl- 28797-25-3P,
s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-methyl- 28797-26-4P,
s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-ethyl- 28797-27-5P,
s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-benzyl- 52838-38-7P,

1,3,4-Oxadiazole, 2-amino-5-butyl- 69741-93-1P, 1,3,4-Oxadiazole,
 2-amino-5-pentyl- 72802-88-1P, 1,3,4-Oxadiazole, 2-amino-5-octyl-
 72802-89-2P, 1,3,4-Oxadiazole, 2-amino-5-nonyl- 74655-71-3P,
 1,3,4-Oxadiazole, 2-amino-5-undecyl- 98275-29-7P, 4H-1,2,4-
 Triazole,
 3,4-diamino-5-butyl- 98957-78-9P, 4H-1,2,4-Triazole,
 3,4-diamino-5-heptyl- 100536-02-5P, 4H-1,2,4-Triazole,
 3,4-diamino-5-nonyl- 105143-43-9P, m-Benzenedisulfonamide,
 N,N'-diethyl-4,6-diformamido- 108722-22-1P,
 s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-heptyl- 108870-
 44-6P,
 s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-nonyl- 109096-
 96-0P,
 s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-butyl- 114930-
 35-7P,
 s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-phenethyl-
 860175-96-8P, s-Triazolo[4,3-b]-as-triazine-6,7(5H,8H)-dione, 3-
 phenyl-
 RL: PREP (Preparation)
 (preparation of)

L29 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN

TI Benzobis(thiadiazine 1,1-dioxide) derivatives

ACCESSION NUMBER: 1961:118572 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 55:118572

ORIGINAL REFERENCE NO.: 55:22334h-i,22335a

TITLE: Benzobis(thiadiazine 1,1-dioxide) derivatives

AUTHOR(S): Baganz, H.; Doms, E.

CORPORATE SOURCE: Tech. Univ., Berlin-Charlottenburg

SOURCE: Archiv der Pharmazie und Berichte der Deutschen
 Pharmazeutischen Gesellschaft (1961), 294, 355-

9

CODEN: APBDJ; ISSN: 0376-0367

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

OTHER SOURCE(S): CASREACT 55:118572

CC 10G (Organic Chemistry: Heterocyclic Compounds)

IT 1020-34-4P, m-Benzenedisulfonamide, 4,6-diamino- 7257-98-9P,
 m-Benzenedisulfonyl chloride, 4,6-diamino- 7258-00-6P,
 m-Benzenedisulfonanilide, 4,6-diamino- 90345-86-1P,
 m-Benzenedisulfonamide, 4,6-diamino-N,N'-dimethyl- 92224-43-6P,
 2H,8H-Benzo[1,2-e:5,4-e]bis[1,2,4]thiadiazine, 1,1,9,9-tetraoxide
 103649-01-0P, m-Benzenedisulfonamide, 4,6-diamino-N,N'-diethyl-
 105143-43-9P, m-Benzenedisulfonamide,
 N,N'-diethyl-4,6-diformamido- 105143-43-9P, Formamide,
 N,N-[4,6-bis(ethylsulfamoyl)-m-phenylene]bis- 108480-98-4P,
 2H,8H-Benzo[1,2-e:5,4-e]bis[1,2,4]thiadiazine, 3,7-diethyl-,
 1,1,9,9-tetraoxide 109016-13-9P,
 2H,8H-Benzo[1,2-e:5,4-e]bis[1,2,4]thiadiazine,
 3,7-diethyl-3,4,6,7-tetrahydro-, 1,1,9,9-tetraoxide 109247-74-7P,
 m-Benzenedisulfonamide, 4,6-diamino-N,N'-dibenzyl- 114166-05-1P,
 2H,8H-Benzo[1,2-e:5,4-e]bis[1,2,4]thiadiazine,
 3,4,6,7-tetrahydro-3,7-dimethyl-, 1,1,9,9-tetraoxide 116056-68-

9P,

2H,8H-Benzo[1,2-e:5,4-e]bis[1,2,4]thiadiazine-3,7(4H,6H)-dione,
 1,1,9,9-tetraoxide, di-Na derivative
 RL: PREP (Preparation)

(preparation of)

FILE 'REGISTRY' ENTERED AT 14:20:09 ON 15 JUN 2009

E 197566-03-3/RN

L30

1 S E51

=> L30 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 197566-03-3 REGISTRY

ED Entered STN: 20 Nov 1997

CN Methanimidic acid, N-[4-(benzoylamino)-2-[[6-(diethylamino)-2-methyl-3-pyridinyl]amino]-5-hydroxyphenyl]-, 1-methylethyl ester (CA INDEX NAME)

MF C27 H33 N5 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

